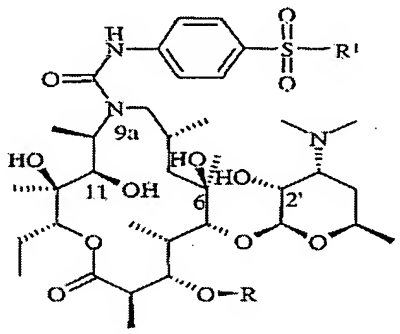
AMENDMENTS TO THE CLAIMS

Claim 1 (original): Substituted 9a-N- {N'- [4- (sulfonyl) phenylcarbamoyl]} derivatives of 9-deoxo-9- - dihydro-9a-aza-9a-homoerithromycin A and 5-O-desosamynil-9-deoxo-9-dihydro- -9a-aza-9a-homoerithronolide A of the general formula 1,



1

wherein R represents H or cladinosyl moiety, and R1 represents chloro, amino, phenylamino, 2-pyridylamino, 3,4-dimethyl-5-isoxazolylamino and 5-methyl-3- - isoxazolylamino group, and pharmacetically acceptable addition salts thereof with inorganic or organic acids.

Claim 2 (original): A substance according to claim 1, characterized in that Ri represents chloro group and R represents cladinosyl moiety.

Claim 3 (original): A substance according to claim 1 characterized in that R represents chloro group, and R represents H.

Claim 4 (original): Substance according to claim 1 where Rl represents amino group, and R represents cladinosyl moiety.

Claim 5 (original): A substance according to claim 1, characterized in that Rl represents phenylamino group, and R represents cladinosyl group.

Claim 6 (original): A substance according to claim 1, characterized in that Ri represents 2- -pyridylamino group, and R represents cladinosyl group.

Claim 7 (original): A substance according to claim 1, characterized in that Rl represents 3,4-dimethyl- -5-isoxazolyl group, and R represents cladinosyl moiety.

Claim 8 (original): A substance according to claim 1, characterized in that Rl represents 5-methyl-3- - isoxazolylamino group, and R represents cladinosyl group.

Claim 9 (original): A substance according to claim 1, characterized in that Rl represents amino group and R represents H.

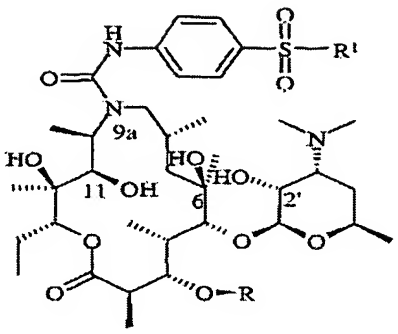
Claim 10 (original): A substance according to claim 1, characterized in that Rl represents phenylamino group, and R represents H.

Claim 11 (original): A substance according to claim 1, characterized in that Rl represents 2- -pyridylamino group, and R represents H.

Claim 12 (original): A substance according to claim 1, characterized in that Rl represents 3,4-dimethyl- -5-isoxazolylamino group, and R represents H.

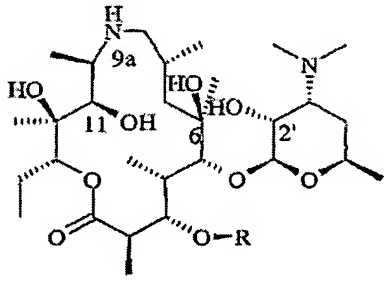
Claim 13 (original): A substance according to claim 1, characterized in that Rl represents 5-methyl-3- - isoxazolylamino group and R represents H.

Claim 14 (original): A process for the preparation of substituted 9a-N- {N'- [4- (sulfonyl) phenyl carbamoyl]} derivatives of 9-deoxo-9-dihydro-9a-aza-9a-homoerithromycin A and 5-O-desosaminyl-9-deoxo-9-dihydro-9a-aza-9a-homoerithronolide A of the general formula 1,



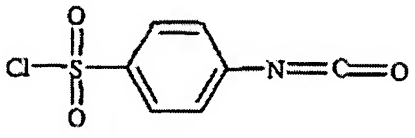
1

wherein Rl represents chloro, amino, phenylamino, 2-pyridylamnio, 3,4-dimethyl-5- -isoxazolylamino and 5-methyl-3-isoxazolylamino group and R represents H or cladinosyl group, characterized in that 9a-N- {N'- [4- (chlorosulfonyl) phenyl]- carbamoyl} derivatives of 9-deoxo-9-dihydro-9a-aza-9a-homoerithromycin A and 5- - 0-desosaminyl-9-deoxo-9-dihydro-9a-aza-9a-homoerithronolide A general formula 1, wherein Rl represents chloro group and R represent H or cladinosyl group, which can be prepared by reaction of 9-deoxo-9-dihydro-9a-aza-9a-homoerythtromicin A or 5-O-desosaminyl-9-deoxo-9-dihydro-9a-aza-9a-homoerithronolide A general formula 2



2

wherein R represents H or cladinosyl group with 4- (chlorosulfonyl) phenyl isocyanate formula 3,



3

are subjected to a reaction with ammonia or amine of general formula 4,

$$R^2\text{-}NH_2$$

4

R2-NH2 4 wherein R2 represents H or phenyl, 2-pyridyl, 3,4-dimethyl-5-isoxazolyl or 5- methyl-3-isoxazolyl group, in toluene, xylene or some other aprotic solvent, at a temperature 0-110°C and then, if appropriate, to a reaction with inorganic or organic acids.

Claim 15 (original): Pharmaceutical composition comprising a pharmaceutically acceptable carrier and an antibacterially effective amount of the substances according to claim 1.

Claim 16 (currently amended): A use of a substance ~~of~~ according to ~~any~~ claims 1-~~13~~ for preparing compositions for sterilization rooms and medical instruments as well as for protection of wall and wooden coatings.

Claim 17 (new): A method for inhibiting bacterial growth in vitro on a surface or in a substance comprising applying to said surface or substance a bactericidally effective amount of a compound according to claim 1.

Claim 18 (new): The method of claim 17 wherein the surface is selected from the group consisting of a wall, a room, a medical instrument.

Claim 19 (new): The method of claim 17 wherein the substance is selected from the group of wall coatings and wooden coatings.